

Smart choice for DVD burning.

EASILY BURN DVDs!¹¹

Easily turn home movies into DVDs[®] with Sony exclusive Click to DVD™ Software

MOVIES AND PHOTOS

Capture, edit, and share your digital photos or videos with Sony's exclusive digital editing software package!

MUSIC AND ENTERTAINMENT

Download. Rip. Transfer. Burn. Make your custom CDs with Sony SonicStage™ software!



Sony Exclusive
**MULTIMEDIA
DIGITAL EDITING**
software package!

FEATURES

- Turn your home movies into DVD easily with Sony original Click to DVD™ software⁹
- Powerful Intel® Pentium® 4 processor 2.80GHz¹
- i.LINK® (IEEE 1394) S400 digital interface³
- Memory Stick® slot¹⁰ allows you to transfer digital pictures, music and data

SPECIFICATIONS



Model
PCG-FRV28

Processor
Intel® Pentium® 4 processor 2.80GHz¹

Cache Memory
512 KB integrated on-die level 2

Bus Speed
533 MHz

LCD
15" XGA (1024x768) TFT display

Graphics
ATI RADEON IGP 345M 64MB (shared)

Memory
512 MB DDR SDRAM (256MB x 2), expandable to 1024MB

Hard Drive
40 GB^{2,12} hard drive

DVD-RW/CD-RW Drive
Internal DVD-RW/CD-RW drive⁹
(DVD-R write 1x, DVD-RW write 1x, CD-R write 16x, CD-RW write 8x, CD-ROM read 24x, DVD-ROM read 8x)

Optional Floppy Drive
External 1.44 MB, 3.5" USB floppy drive (PCGA-UFD5)

Modem
Integrated V.90 modem

Ethernet
10BASE-T/100BASE-TX Ethernet with RJ-45 interface

Memory Stick® Media Slot®
Supports optional Memory Stick® media

Pointing Device/Keyboard
Electro-Static touch pad
86 key QWERTY layout, with 2.7mm stroke and 19.19mm pitch

Estimated Battery Life⁴
Lithium-ion battery 1.5-2.0 hours⁴

PC Card Slots
Two type I or II, or one type III card slot; CardBus support

Audio
Windows® sound system compatible with 3D surround
Built-in stereo speakers; monaural mini-jack microphone

Other Interfaces
i.LINK® (IEEE 1394) interface³, AV out (mini jack), 3 USB 2.0 ports, RJ-11 modem jack, RJ-45 Ethernet, VGA output, parallel, headphone (stereo), mic-in

Power Requirements
135 watts maximum +/- 10% (19.5V / AC100-240V)
Energy Star® compliant
Advanced power management - APM-ACPI compatible

Size (H x W x D)
1.65" - 2.26" X 13" X 10.8"

Weight
7.72 lbs. with one battery

Supplied Accessories
Lithium-ion battery, power cord, AC adapter

Optional Accessories

Additional battery (PCGA-BP2NX)
USB optical mouse (PCGA-UMS5)
USB mobile mouse (PCGA-UMS3/V, UMS3/S)
Carrying case (PCGA-CCF)
Notebook backpack (PCGA-CCP1)
Sport backpack (PCGA-CCP2)
Neoprene notebook & AC adapter cases (PCGA-CCN1S)
External speakers (PCGA-SP1)
Additional AC adapter (PCGA-AC19V7)
Visual communication camera (PCGA-UVC10)
USB Bluetooth adapter (PCGA-BA1/A)
External USB keyboard (PCGA-UKB1)
802.11b Wireless LAN Pro access point (PCWA-A200)
802.11b Wireless LAN PC card (PCWA-C150S)
802.11g Wireless LAN router access point (PCWA-AR300)
802.11g Wireless LAN PC card (PCWA-C300S)
802.11a Wireless LAN access point (PCWA-A500)
802.11a Wireless LAN PC card (PCWA-C500)
802.11a/11b Wireless LAN Dual PC card (PCWA-C700)

Service and Warranty Information

One year limited hardware Express Service⁵ (Certain restrictions apply.)

One year limited hardware parts and labor⁶

Telephone Support⁷: One year hardware from purchase date
Sony and Microsoft software: 90 days from purchase date

Included Operating System

Microsoft® Windows® XP Home Edition

Productivity

Microsoft® Money 2003⁸

Microsoft® Works 7.0

Microsoft® Encarta Online⁷

Video Software

Sony Click to DVD™

Sony DVgate™ Plus

InterVideo® WinDVD® 4 for VAIO® PC

EasySystems Drag'n Drop CD+DVD

Music Software

Sony SonicStage™

RealNetworks® RealOne™ player

Photo Software

Sony PictureGear Studio™

Sony Network Smart Capture

Communication

Sony VAIO Media™ Software

Microsoft® MSN 8.0⁸

America Online⁸⁸

Gaming

Microsoft® Age of Empires

Virus, Tools, and Support Software

McAfee® Internet Security Center Trial⁹

VAIO Support Agent



- 1 GHz denotes microprocessor internal clock speed; other factors may affect application performance. CPU speed may be reduced under certain operating conditions.
- 2 GB means one billion bytes when referring to hard drive capacity. Accessible capacity may vary.
- 3 i.LINK is a trademark of Sony used only to designate that a product contains an IEEE 1394 connector. All products with an i.LINK connector may not communicate with each other.
- 4 Estimated battery life. Actual battery life may vary on usage.
- 5 From date of purchase.
- 6 Certain features are time limited.
- 7 Limited duration trial subscription to Microsoft's current online version. Internet access required; additional fees (including telephone/long distance charges) may apply also.
- 8 Requires fees for use.
- 9 DVD-R and DVD-RW discs recorded on this drive will playback in most consumer DVD players and computer DVD-ROM drives
- 10 Supports Memory Stick Pro™ high-capacity media, but does not support high-speed media capability. Does not support MagicGate™ functionality.
- 11 Camcorder and i.LINK® cable are not included.
- 12 5GB of hard disk space is reserved as a recovery partition.

Computer Interface: The computer industry lacks standards, and therefore, there are a multitude of varying software packages and add-on hardware options. This personal computer is not manufactured to any specific software, and Sony does not and cannot make any warranty or representation with respect to the performance of this product with any particular software packages and/or non-Sony add-on hardware option except those mentioned in this document. Sony hereby disclaims any representations or warranty that this product is compatible with any combination of products you may choose to connect. While Sony representatives or Sony authorized dealers may be able to assist you and may make recommendations, they are NOT authorized to vary or waive this disclaimer. Purchasers must determine for themselves the suitability and compatibility of the hardware and software in each and every particular instance. Software titles pre-installed on the Sony Notebook Computer are subject to change without notice. Simulated graphic shown on display. Preinstalled software may not be identical to retail versions or have all documentation.

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Sony recommends Microsoft® Windows® XP